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ANNUAL HEALTH AND SCHOOL MEDICAL REPORT

for the Year 1939

BY

H. L. BARKER
M.D., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health, Medical Superintendent of the Isolation Hospital, Superintendent of Maternity Home, and School Medical Officer.

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BOROUGH OF ILKESTON

HEALTH, MATERNITY AND CHILD WELFARE COMMITTEE.

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,, S. PAGE

PUBLIC HEALTH STAFF (1939).

Medical Officer of Health and Superintendent of the Isolation Hospital :
H. L. BARKER, M.D., B.S.(Lond.), M.R.C.S., L.R.C.P., D.P.H.—(1)

Obstetric Physician to the Maternity Home and Medical Officer to Central Welfare Centre :
PATRICK HUGHES, M.B., B.S.—(1) (2).

Physician to Ante-Natal Clinic :
MARGARET GLEN BOTT, M.B., B.S.(Lond.), M.R.C.S., L.R.C.P. (1) (2).

Tuberculosis Officer (appointed by Derbyshire County Council) :
C. KINGSTON, M.R.C.S., L.R.C.P., D.P.H.

Orthopaedic Surgeon :
G. A. Q. LENNANE, M.A., M.B., B.Ch.—(1) (2).

Obstetric Consultant :
C. D. LOCHRANE, M.D., F.R.C.S. (Ed.)—(1) (2).

Senior Sanitary Inspector :
C. E. ADCOCK, Cert.S.I.B., M.S.I.A.—(1).

Sanitary Inspectors :
J. L. WILLOUGHBY, Cert.S.I.B., M.S.I.A.—(1), appointed September, 1937.
R. W. BOOTH, Cert.S.I.B., M.S.I.A.,—(1), appointed September, 1938. On Active Service.

Health Visitors and School Nurses :
Miss M. E. SHERLOCK, S.R.N., C.M.B. (1)
Miss H. BLAIR, S.R.N., C.M.B. (1)
Miss L. OTTEWELL, S.R.N., C.M.B. (1)
Miss M. HILL, S.R.N., C.M.B. (1)

Matron, Isolation Hospital :
Miss F. M. PERRY., S.R.N.

Matron, Maternity Home :
Miss L. WELLS, S.R.N., C.M.B.

Tuberculosis Nurse (appointed by Derbyshire County Council) :
Miss D. DONKIN, S.R.N., C.M.B.

Clerks :
Miss L. TRUEMAN.
Miss H. CLARKE.
Mr. J. NICHOLLS.

(1) = *Exchequer Grants.*
(2) = *Part-time Officers.*

SECTION I.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	2,861
Population :—	
Census, 1931	33,164
No. of Inhabited Houses (1931 Census)	7,336
No. of Families or Separate Occupiers (1931 Census) ..	7,907

Rates 16s. 0d. in the £ (1938-39).

EXTRACTS FROM VITAL STATISTICS.

Live Births.	Total.	M.	F.	Birth Rate.
Legitimate ..	480	243	237	15·5
Illegitimate ..	16	8	8	
	496	251	245	

The Birth Rate for England and Wales for 1939 was 15·0.

Still Births.	Total.	M.	F.
Legitimate	13	3	10
Illegitimate	2	2	–
	15	5	10

Rate per 1,000 total births (live and still births) .. 29·35

Deaths.	Total.	M.	F.	Death Rate. Ilkeston.	Death Rate. Eng. & Wales.
	339	167	172	10·63	12·1

Deaths from Puerperal Causes.

	Deaths.	Rate per 1,000 total (live and still) births.
Puerperal Sepsis ..	–	–
Other Puerperal Causes	–	–
Total ..	Nil	Nil

Infant Mortality.

Death rate of Infants under 1 year of age per 1,000 live births :—

Legitimate infants per 1,000 legitimate live births	45·83
Illegitimate infants per 1,000 illegitimate live births	125·00
All infants per 1,000 live births	48·38
Rate for England and Wales	50·00

Specified Deaths.

Cancer (all ages)	44
Measles (all ages)	–
Whooping Cough (all ages)	1
Diarrhoea (under 2 years)	1

BIRTH-RATES, DEATH-RATES, and ANALYSIS OF MORTALITY
DURING THE YEAR 1939. (*Provisional figures.*)

	Birth Rate per 1,000 Population		Annual Death-rate per 1,000 Population								Rate per 1,000 Live Births	
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid fevers	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea and Enteritis (under two years)	Total Deaths under one year
England and Wales	15·0	0·59	12·1	0·00	0·00	0·01	0·01	0·03	0·05	0·21	4·6	50
126 County Boroughs and Great Towns, including London	14·8	0·59	12·0	0·00	0·00	0·01	0·00	0·03	0·05	0·19	6·3	53
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census, 1931)	15·6	0·57	11·2	0·00	0·00	0·01	0·00	0·02	0·04	0·20	3·0	40
London	12·3	0·44	11·9	0·00	0·00	0·00	0·00	0·03	0·02	0·18	8·2	48
Ilkeston	**15·5**	**0·46**	**10·63**	**0·00**	**0·00**	**0·06**	**0·00**	**0·03**	**0·00**	**0·15**	**0·00**	**48·38**

	Puerperal Sepsis.	Others.	Total
The maternal mortality rates for England and Wales are as follows :— per 1,000 Total Births (live and still)	0·74	2·08	2·82

Below is given a table which analyses the causes of the 339 deaths, and the ages at which they occurred :—

Causes of Death	Sex	All Ages	0–1	1–2	2–5	5–15	15–25	25–45	45–65	65–75	75 up
All Causes	M.	172	14	–	2	4	5	15	45	46	40
	F.	167	10	–	1	5	5	20	49	45	33
1. Typhoid & paratyphoid	M.	–	–	–	–	–	–	–	–	–	–
fevers	F.	–	–	–	–	–	–	–	–	–	–
2. Cerebro-spinal fever ..	M.	–	–	–	–	–	–	–	–	–	–
	F.	–	–	–	–	–	–	–	–	–	–
3. Scarlet fever	M.	–	–	–	–	–	–	–	–	–	–
	F.	–	–	–	–	–	–	–	–	–	–
4. Whooping cough	M.	–	–	–	–	–	–	–	–	–	–
	F.	1	1	–	–	–	–	–	–	–	–
5. Diphtheria	M.	–	–	–	–	–	–	–	–	–	–
	F.	–	–	–	–	–	–	–	–	–	–
6. Tuberculosis of	M.	4	–	–	–	–	–	2	2	–	–
respiratory system ..	F.	13	–	–	–	–	4	8	1	–	–
7. Other forms of Tuberculosis	M.	3	1	–	1	–	1	–	–	–	–
	F.	3	–	–	–	1	1	1	–	–	–
8. Syphilitic diseases.. .	M.	–	–	–	–	–	–	–	–	–	–
	F.	1	–	–	–	–	–	–	1	–	–
9. Influenza	M.	3	–	–	–	–	–	–	2	1	–
	F.	2	–	–	–	–	–	–	1	1	–
10. Measles	M.	–	–	–	–	–	–	–	–	–	–
	F.	–	–	–	–	–	–	–	–	–	–
11. Acute polio-myelitis and	M.	–	–	–	–	–	–	–	–	–	–
polio-encephalitis ..	F.	–	–	–	–	–	–	–	–	–	–
12. Acute infective	M.	–	–	–	–	–	–	–	–	–	–
encephalitis	F.	–	–	–	–	–	–	–	–	–	–
13. Cancer of buc. cavity &	M.	4	–	–	–	–	–	–	–	3	1
oesophagus,											
Cancer of uterus ..	F.	6	–	–	–	–	–	1	4	1	–
14. Cancer of stomach and	M.	5	–	–	–	–	–	1	1	2	1
duodenum	F.	1	–	–	–	–	–	–	1	–	–
15. Cancer of breast	M.	–	–	–	–	–	–	–	–	–	–
	F.	1	–	–	–	–	–	–	1	–	–
16. Cancer of all other sites ..	M.	12	–	–	–	–	1	1	3	3	4
	F.	15	–	–	–	–	–	2	4	8	1
17. Diabetes	M.	1	–	–	–	–	–	1	–	–	–
	F.	4	–	–	–	–	–	1	–	2	1
18. Intra-cranial vascular	M.	5	1	–	–	–	–	–	2	–	2
lesions	F.	4	–	–	–	–	–	–	2	1	1
19. Heart disease	M.	42	–	–	–	–	1	1	12	16	12
	F.	37	–	–	–	1	–	4	13	8	11
20. Other diseases of circu-	M.	14	–	–	–	–	–	1	3	6	4
latory system	F.	23	1	–	–	–	–	–	8	9	5
21. Bronchitis	M.	11	1	–	–	–	–	–	3	4	3
	F.	10	–	–	–	–	–	–	3	5	2
22. Pneumonia..	M.	12	4	–	–	–	–	2	2	4	–
	F.	2	1	–	–	–	–	–	–	1	–
23. Other respiratory	M.	–	–	–	–	–	–	–	–	–	–
diseases	F.	1	–	–	–	–	–	1	–	–	–
24. Ulcer of stomach or ..	M.	6	–	–	–	–	–	1	5	–	–
duodenum	F.	–	–	–	–	–	–	–	–	–	–

(Continued over)

(Table continued)

Causes of Death	Sex	All Ages	0–1	1–2	2–5	5–15	15–25	25–45	45–65	65–75	75 up
25. Diarrhoea under 2 yrs. ..	M.	1	1	–	–	–	–	–	–	–	–
	F.	–	–	–	–	–	–	–	–	–	–
26. Appendicitis	M.	1	–	–	–	–	1	–	–	–	–
	F.	1	1	–	–	–	–	–	–	–	–
27. Other digestive diseases ..	M.	3	–	–	–	–	–	–	1	–	2
	F.	3	–	–	–	1	–	1	1	–	–
28. Nephritis	M.	5	–	–	–	–	–	1	1	1	2
	F.	3	–	–	–	–	–	–	2	1	–
29. Puerperal & post abortion	M.	–	–	–	–	–	–	–	–	–	–
sepsis	F.	–	–	–	–	–	–	–	–	–	–
30. Other maternal causes ..	M.	–	–	–	–	–	–	–	–	–	–
	F.	–	–	–	–	–	–	–	–	–	–
31. Premature birth	M.	2	2	–	–	–	–	–	–	–	–
	F.	2	2	–	–	–	–	–	–	–	–
32. Cong. malformation, birth	M.	4	4	–	–	–	–	–	–	–	–
injuries & inf. diseases ..	F.	4	4	–	–	–	–	–	–	–	–
33. Suicide	M.	2	–	–	–	–	–	1	1	–	–
	F.	1	–	–	–	–	–	–	1	–	–
34. Road traffic accidents ..	M.	3	–	–	–	–	1	1	–	1	–
	F.	1	–	–	–	1	–	–	–	–	–
35. Other violent causes .	M.	8	–	–	1	3	–	1	3	–	–
	F.	6	–	–	–	1	–	1	1	1	2
36. All other causes	M.	21	–	–	–	–	1	1	4	6	9
	F.	22	–	–	–	1	–	–	5	6	10

Infantile Mortality Rates.

Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate
1901	181·8	1911	151·8	1921	92·5	1931	68·5
1902	176·4	1912	106·8	1922	83·8	1932	74·9
1903	198·1	1913	152·9	1923	91·2	1933	78·2
1904	183·5	1914	149·4	1924	75·5	1934	55·1
1905	158·1	1915	142·5	1925	110·9	1935	62·8
1906	177·3	1916	102·2	1926	83·4	1936	50·9
1907	156·9	1917	129·6	1927	87·2	1937	66·3
1908	147·1	1918	94·6	1928	60·2	1938	34·06
1909	191·2	1919	129·9	1929	78·6	1939	48·38
1910	132·8	1920	99·0	1930	62·3		

Deaths from Violence.

Suicide. Two males took their own lives by inhaling coal gas and by self-inflicted throat wound repectively, and one female by drowning.

Other Deaths from Violence. There were 18 deaths, 11 males and 7 females. Of these, 4 were due to road traffic accidents, namely, 2 sustained pedal cycle accidents and 2 were run over by motor cars. One of the latter was a child aged 7 years, the remainder being over school age. The other 14 deaths were caused as follows :—Accidents due to falls, 4. Industrial accidents, 3. Manslaughter, 3. Accidental drowning, 3. Military exercises, 1.

SECTION II.

GENERAL PROVISION OF HEALTH SERVICES.

Hospital Provision.

There have been no changes.

Ambulance Facilities.

There were no changes.

Nursing in the Home.

This was provided by two Nursing Associations.

Laboratory Facilities exist in Nottingham and Derby.

Midwives.

These are under the supervision of the County Council.

SECTION III.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

There was no change in the usual source of supply from the Meerbrook Sough and boreholes at Whatstandwell. The storage arrangements remained the same. The quantity of water was adequate and no restrictions were necessary. The water is chlorinated and the quality was satisfactory. Samples were analysed at regular intervals.

Sewage Disposal.

The Corporation Sewage Works functioned satisfactorily.

Refuse Disposal.

Refuse was collected by a contractor and disposed of by controlled tipping at the Corporation tips.

Sanitary Inspection of the Area.

The Tables at the end of this Report show the work that was done.

CLINICS AND TREATMENTS CENTRES.

	Situation.	Medical Officer in Attendance.	When held.	Accommodation.	Provided by.
Maternity and Child Welfare Centres	(1) Albert Street	Dr. Hughes	Tuesdays, 2—4 p.m.	3 rooms	Ilkeston Corporation.
	(2) Wesley Street	M.O.H.	Thursdays, 2—4 p.m.	3 rooms	do.
Ante-natal Clinic	Albert Street	Dr. Glen Bott	Mondays, 2—5 p.m.	3 rooms	do.
School Clinic	Albert Street	M.O.H.	Daily, 10—12 M.O.H. attends Tuesdays and Thursdays	3 rooms	do.
Orthopaedic Clinic	Albert Street	Orthopaedic Surgeon attends monthly on 4th Wednesday	Wednesdays, a.m. and p.m. Miss Garratt	2 rooms	do.
Tuberculosis Dispensary	Albert Street	Dr. Kingston	Wednesdays, a.m. and p.m.	3 rooms	Derbyshire C.C.
V.D. Treatment Centres	(1) Nottingham	———	———	———	Nottingham C.B.C.
	(2) Derbyshire Royal Infirmary, Derby	———	———	———	Derby C.C. and C.B.C. jointly

SECTION IV.

HOUSING, 1939.

HOUSING STASTISTICS.

Number of New Houses erected during the year :—

(a)	Total including numbers given separately under (b)	74
(i)	By the Local Authority	*Nil*
(ii)	By other Local Authorities	*Nil*
(iii)	By other bodies or persons	74

Total number of houses owned by the Local Authority at the end of the year 1939 900

HOUSE INSPECTION.

1. Inspection of Dwelling-houses during the year 1939.

(a) (i)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	210
(ii)	Number of inspections made for the purpose	312
(b) (i)	Number of dwelling-houses (included under sub-head (a) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	82
(ii)	Number of inspections made for the purpose..	124
(c)	Number of dwelling-houses found to be in a state so dangerous or injurious as to be unfit for human habitation	2
(d)	Number of dwelling-houses (exclusive of these referred to under the preceding sub-head) found not to be in all respects fit for human habitation	80

2. Remedy of defects during the year without service of formal Notices.

   Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers 52

3. Action under Statutory Powers during the year 1939.

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936	*Nil*
(b)	Proceedings under Public Health Acts	*Nil*

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:

(i) Number of dwelling-houses in respect of which Demolition Orders were made 1

(ii) Number of dwelling-houses demolished in pursuance of Demolition Orders 5

(d) Proceedings under Section 12 of the Housing Act, 1936 .. .. *Nil*

SLUM CLEARANCE.

Number of dwelling-houses demolished in accordance with Clearance Orders and Compulsory Purchase Orders confirmed in 1938 72

Number of persons displaced from such dwelling-houses .. 280

DISINFESTATION.

The following are the particulars with regard to the eradication of bed bugs :—

1. (*a*) The number of council houses found to be infested was 4

The number of council houses fumigated was .. 6

(*b*) The number of other houses found to be infested was 11

The number of other houses fumigated was .. 11

2. The method employed for Council houses was by fumigating by Hydrocyanic Acid gas up to the time of the outbreak of war ; after that time Zaldecide was used.

The method employed for other houses was by fumigating with sulphur vapour and Zaldecide.

3. All belongings of new tenants going into council houses are removed by the local authority and fumigated with Hydrocyanic Acid gas before being delivered to the council houses. Mattresses, pillows and other bedding are, however, disinfested by means of the steam disinfestor.

4. The work of disinfestation of houses and furniture by means of Hydrocyanic Acid gas is performed by a contractor who gives the necessary certificates to the effect that the disinfestation has been carried out and that the house is safe for occupation and the furniture is safe to use.

The sulphur and Zaldecide disinfestation of houses and the steam disinfestation of bedding are carried out by the local Authority.

SECTION V.

INSPECTION AND SUPERVISION OF FOOD.

Milk.

The number of cow keepers registered with this authority was thirteen and their cowsheds were inspected during the year. The number of retail purveyors of milk was fifty-six, of whom one was newly registered during the year. As regards milk of special designation four licences were granted during the year. One licence was for Tuberculin Tested Milk, one was for Accredited Milk, and two were on behalf of Pasteurized Milk. There are two licensed establishments for Pasteurized milk in the borough.

Meat and other Foods.

There is no public abattoir in this area, and all the slaughtering is performed in eighteen private slaughter houses. The amount of unsound meat surrendered during the year was nine and a quarter tons. The character of disease found is given in the table at the end of this report, and it will be seen that tuberculosis was the main disease and more than eight tons of tuberculous meat was surrendered. The following table shows the incidence in bovines and pigs.

Bovines.

Number of bovine animals slaughtered during the year	1,928
Number found to be affected with tuberculosis ..	335
Percentage of animals affected with Tuberculosis ..	17·89%

Pigs.

Number of pigs slaughtered during the year ..	1,899
Number found to be affected with Tuberculosis ..	132
Percentage of pigs affected with Tuberculosis ..	7·10%

Shops in which food is prepared and sold have been inspected during the year. A close watch is also kept on the food sold in the markets. The various bakehouses, of which there are twenty on the register, have been inspected from time to time.

Adulteration.

The various Acts in connection with Food and Drugs are administered by the County.

Chemical and Bacteriological Examination of Food.

Work in connection with this is carried out in the chemical and bacteriological laboratories belonging to the County. No prosecutions were undertaken by this Authority.

Nutrition.

Knowledge with regard to nutrition is disseminated at the various clinics and also through the health visitors. Instruction with regard to nutrition is given in the schools, particularly in special subjects classrooms which exist in every senior school.

SECTION VI.

INFECTIOUS AND OTHER DISEASES.

On the 23rd October, 1939, Measles and Whooping Cough were made notifiable throughout the country. The total number of infectious diseases notified during the year was 217.

Prevalence of and control over Notifiable Diseases.

A table is given to show the prevalence and control over notifiable diseases.

Disease	No. Notified	No. Removed to Hospital	Total Deaths
Tuberculosis, Pulmonary ..	21	13	17
Tuberculosis, other forms ..	7	3	6
Pneumonia (all forms) ..	39	4	14
Scarlet Fever	40	24	—
Diphtheria	10	7	—
Erysipelas	14	—	—
Chicken-Pox	80	—	—
Puerperal Pyrexia	2	2	—
Ophthalmia Neonatorum ..	1	—	—
Whooping Cough	1	—	1
Measles	2	—	—

Ophthalmia Neonatorum.

Only one case occurred.

Influenza.

Five deaths were attributed to this disease.

Cancer.

There were forty-four deaths from malignant disease. A classification showing the site affected according to the sex and age is given in the general table of deaths.

Cerebro-Spinal Fever.

No case occurred.

Isolation Hospital.

During the year, forty-nine cases of infectious disease were treated, namely, Scarlet Fever forty, Diphtheria nine.

There was no special incidence of disease attributable to war conditions.

SEX AND AGE DISTRIBUTION OF CASES OF NOTIFIABLE DISEASES DURING 1939.

Age Group.	Sex.	Pneumonia all forms.	Chicken Pox.	Scarlet Fever.	Diphtheria.	Erysipelas.	Whooping Cough.	Measles.	Puerperal Pyrexia.	Ophthalmia Neonatorum.
0— 1	M.	–	2	–	–	–	–	–	–	1
	F.	1	–	–	–	–	1	–	–	–
1— 2	M.	–	1	1	1	–	–	–	–	–
	F.	–	–	–	–	1	–	–	–	–
2— 3	M.	–	2	1	–	–	–	1	–	–
	F.	1	3	1	–	–	–	–	–	–
3— 4	M.	1	1	2	–	–	–	–	–	–
	F.	1	1	–	1	–	–	–	–	–
4— 5	M.	3	5	4	–	–	–	–	–	–
	F.	–	7	1	–	–	–	–	–	–
5—10	M.	1	24	7	1	–	–	1	–	–
	F.	1	24	8	2	–	–	–	–	–
10—15	M.	–	5	1	–	–	–	–	–	–
	F.	1	3	8	2	–	–	–	–	–
15—20	M.	1	1	2	1	–	–	–	–	–
	F.	1	–	2	2	–	–	–	–	–
20—35	M.	3	–	–	–	–	–	–	–	–
	F.	2	1	2	–	4	–	–	2	–
35—45	M.	6	–	–	–	1	–	–	–	–
	F.	–	–	–	–	1	–	–	–	–
45—65	M.	6	–	–	–	2	–	–	–	–
	F.	3	–	–	–	4	–	–	–	–
65 upwards	M.	5	–	–	–	1	–	–	–	–
	F.	2	–	–	–	–	–	–	–	–
Total all ages	M.	26	41	18	3	4	–	2	–	1
	F.	13	39	22	7	10	1	–	2	–
Grand Total		39	80	40	10	14	1	2	2	1

SECTION VII.

TUBERCULOSIS.

Notification.

The number of new cases of respiratory tuberculosis was in the case of males six, and in the case of females fifteen, showing a decrease of six on the previous year. As regards the non-respiratory form, five males and two females were notified, showing a decrease of four on the previous year.

Deaths.

There was a total of twenty-three deaths, which is an increase of three on the previous year. Seventeen were due to the respiratory form, and six to non-respiratory forms. All the deaths except three had been notified previously as being cases of tuberculosis.

Particulars of new cases of tuberculosis and deaths from this cause are given in the following table.

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-respiratory.		Respiratory.		Non-respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	1	—	—	—	1	—
1	—	—	—	—	—	—	1	—
5	—	—	1	1	—	—	—	1
10	—	—	1	—	—	—	—	—
15	—	4	1	—	—	1	1	—
20	1	2	—	—	—	3	—	1
25	1	8	1	—	1	7	—	—
35	3	1	—	—	1	1	—	1
45	1	—	—	—	—	1	—	—
55	—	—	—	—	2	—	—	—
65 and upwards	—	—	1	—	—	—	—	—
Total ..	6	15	6	1	4	13	3	3

Arrangements for treatment were as in former years. There were 21 fresh cases of respiratory tuberculosis added to the Register during the year. Of these, thirteen patients were treated in the sanatoria. There were seven fresh cases of non-respiratory tuberculosis added to the Register and of these two cases were treated at Bretby and one at a general hospital. Out of the total of twenty-eight fresh cases, ten died within six months. At the end of 1939 there was a total of 145 persons on the Register, of which 109 were pulmonary cases and thirty-six were non-pulmonary cases.

SECTION VIII.

MATERNITY AND CHILD WELFARE.

Ante-Natal Care.

One ante-natal session was held every week under the supervision of Dr. Margaret Glen Bott. The total attendances at the 49 sessions were 1,165 and the average number of patients at each session was 24. The number of individual patients who attended during the year was 349 of which 306 were new cases. The number of expectant mothers who attended the ante-natal clinic represented seventy-four per cent. of the total 471 live and still births notified in the Borough during the year. The number of cases who were sent to hospital on account of expected difficulty was thirty-eight and three Caesarean operations were performed. X-ray examinations were made as regards eight patients.

Municipal Maternity Home. During the year 141 cases were admitted. No maternal death occurred. The number of bookings refused was 58, which shows the urgent need for increased accommodation. The statistics for 1939 are given below.

1.—Name of Institution : The Maternity Home, Ilkeston, Derbyshire	
2.—Number of maternity beds in the Institution (exclusive of isolation and labour beds)	9
3.—Number of maternity cases admitted during the year	141
4.—Average duration of stay	14 days
5.—Number of cases delivered by—	
(*a*) Midwives	110
(*b*) Doctors	30
6.—Number of cases in which medical assistance was sought by midwife in emergency ..	49
7.—Number of cases notified as :—	
(*a*) Puerperal Fever	Nil
(*b*) Puerperal Pyrexia	1
8.—Number of cases of pemphigus neonatorum ..	Nil

9.—Number of infants not entirely breastfed while in the Institution..	4
10.—(*a*) Number of cases notified as Ophthalmia Neonatorum	Nil
(*b*) Result of treatment in each case	Nil
11.—(*a*) Number of maternal deaths	Nil
(*b*) Cause of death in each case	Nil
12.—(*a*) Number of infant deaths—	
(*i*) Stillborn	3
(*ii*) Within 10 days of birth	2
(*b*) Cause of death in each case and results of post-mortem examination (if obtainable)—	
(1) (*a*) Hydrocephalus.	
(*b*) Diseased Placenta.	
(*c*) Malpresentation.	
(2) (*a*) Spina-bifida and Malformation.	
(*b*) Prematurity.	

Home Visiting. There are four health visitors who are also part-time school nurses. The accompanying table gives a summary of their work during the year.

Summary of Health Visitors' Reports for 1939.

Births Notified (twins 3)	471
Males	247
Females	224
Still Births	10
Died within Three Days	8
Attended by Medical Practitioners	43
Attended by Midwives only	288
Admitted to Maternity Home	140
Number of first visits	467
Number of re-visits under 1 year	2,698
Number of re-visits over 1 year	3,620
Total number of visits paid	6,785
Children weighed	456
Average weight .. .. lbs.	7·29
Breast fed at birth	439
Bottle fed at birth	7
Breast and Bottle	4
Spoon fed	4
Pre-natal Cases, first visits	44
Outside the Borough	29
Number of individual infants under 1 year visited	2,522
Number of individual children 1 to 5 years ..	3,229

Maternity Outfits. Complete maternity outfits are kept in the Health Department and can be loaned to necessitous cases.

Infant Welfare Centres. A Child Welfare Clinic is held every Tuesday afternoon at the Albert Street Clinic and every Thursday afternoon at the Cotmanhay Clinic.

The attendances at the clinics are shown in the following table.

ATTENDANCES AT INFANT WELFARE CENTRES.

Individual Cases.	Total Attendances.	Examinations by Doctor.	Infants under One Year.	Toddlers.
ALBERT STREET.				
520	2,175	309	1,458	717
COTMANHAY.				
206	989	208	622	367

Still Births.

All notified still-births are made the subject of enquiries. During the year eleven still-births were investigated with the results given below. In no case was the cause associated with antepartum haemorrhage or albuminuria.

Death in utero previous to labour	5
Malpresentation or obstructed labour	2
Congenital deformity of foetus	4
Total	11

Puerperal Pyrexia and Puerperal Fever.

Arrangements exist for the treatment of these cases in the Derbyshire Hospital for Women at Derby. There is also a consulting obstetrician whose opinion and assistance can be obtained in complicated cases. Two cases of puerperal pyrexia were notified and treated in hospital.

Maternal Deaths.

Enquiries are made into all maternal deaths. Arrangements exist by which difficult obstetric cases can be taken without delay into either the Derbyshire Hospital for Women or the Nottingham Hospital for Women. There were no maternal deaths during 1939.

Infantile Deaths.

The deaths of infants under one year of age are enquired into by the health visitors, and their reports are examined by the medical officer in conjunction with the child welfare record card of the infant. The number of infantile deaths during the year was twenty-four. The infantile mortality rate per 1,000 live births was 48·38. The following table classifies the causes of infant deaths :—

Prematurity	4
Congenital Defects	8
Pneumonia	5
Diarrhoea	1
Bronchitis	1
Whooping Cough	1
Tuberculous Meningitis	1
Other Diseases	3
Total	24

Free Supply of Milk.

Under the provisions of the Public Health Act, 1936, free milk was issued in necessitous cases to expectant and nursing mothers and to children under five years of age recommended by medical officers. In all cases enquiries are made into the means of the family and issues are made in accordance with an approved scale. The number of applications in respect of which milk was issued was 908.

Child Life Protection ; Adopted Children, Illegitimate Children.

The Health Visitors carry out duties in connection with the above.

Orthopaedic Clinic.

During the year thirty-one individual children under school age attended for treatment. The total attendance of these children at the nurse's clinics was 164 and at the surgeon's clinic, eighty-five. The defects treated were as follows :—

Rickets	11	Spastic Paralysis	2
Congenital Deformity	7	Torticollis	1
Flat Feet	6	Tuberculosis of Finger ..	1
Talipes	2	Others	1
		Total ..	31

SANITARY INSPECTION OF THE DISTRICT.

Details of Visits and Inspections made by the Sanitary Inspectors during the year.

Inspection of Premises	124
Re-visits	188
Canal Boats Inspected	2
Caravans, Tents and similar structures	—
Cinemas and Theatres	29
Cowsheds	4
Drainage inspections	57
Water, Smoke and Colour Tests to drains	17
Factories, Workshops and Workplaces	14
Outworkers' premises	—
Offensive trades	1
Petrol Storage premises	24
Ashpit inspections	11
Privy inspections	—
Dustbin inspections	216
Pail Closet inspections	20
Water Closet inspections	177
Smoke observations	—
Infectious Disease investigations	47
Cases removed to Hospital	36
Bedding disinfected (Infectious Disease)	419
Rooms disinfected (Infectious Disease)	146
Visits re disinfestation	5
Beds disinfested	429
Rooms disinfested	262
Removal visits	142
Shops Acts visits	107
Refuse tips	24
Houses measured	1,034
Housing visits	32
Miscellaneous visits	818
Houses inspected for Housing defects (P.H. Acts.)	128
Houses inspected for Housing defects (Housing Acts)	80

Meat and other Food inspections.

Slaughterhouses	2,331
Butchers' Shops, Stalls and Vehicles	435
Bakehouses	8
Other Food preparing premises	233
Dairies and Milkshops	56
Milk Samples taken for bacteria	19
Milk Sediment tests made	—

Notices Served.

Number of Informal Notices served (Public Health Acts)	100
Number of Informal Notices served (Shops Acts)	Nil
Number of Informal Notices served (Housing Acts)	80
Number of Statutory Notices served (Public Health Acts)	Nil
Number of Statutory Notices served (Shops Acts)	1
Number of Statutory Notices served (Sec. 9 Housing Act, 1936)	Nil
Number of Statutory Notices served (Sec. 157, Housing Act, 1936)	1,062
Number of Statutory Notices served (Sec. 168, Housing Act, 1936)	10

Details of Improvements made and Defects remedied during the year under the Public Health Acts and Housing Acts.

Exterior of Houses.

Roofs Repairs	62
Walls pointed or repaired	60
Chimney Stacks repaired	12
Eavesgutters and downspouts repaired or provided	80
Dampness remedied (including provision of new damp-proof courses)	63
Sub-floor Vents provided	—
Door Steps renewed	11
Yard Division Walls repaired	2
Outbuildings repaired	12

Drainage.

Yard Gullies provided	29
Gulley Grids provided	1
Drains opened and cleansed	6
Drains repaired or relaid	5
New drains and inspection chambers provided	2
Drains tested by water, smoke or colour fluid	17
Drain ventilators repaired	2
Underground rainwater cisterns abolished	1
Broken Inspection Chambers Covers renewed	1
Yards repaired or repaved	55
Pavement Cross Channels provided	1

Interior of Houses.

Houses cleansed	—
Floors relaid or repaired	73
Windows repaired or provided with fasteners or sashcords	164
Walls repaired	55
Ceilings repaired	13
Doors or frames repaired	71
Fireplaces, ovens or sideboilers repaired	42
Stairs repaired	8
Balusters repaired	2
Handrails provided	44
Water in cellars remedied	1
Pantry vents and lighting improved	10
Washing Coppers provided or repaired	19
Small defects remedied	36
Secondary Ventilation provided	13
Hot Water Systems repaired	1

Sinks, Baths, etc.

New sinks provided	37
Sink waste pipes trapped or repaired	29

Water Supply.

Internal supply of water provided	16
Water service pipes repaired	1

W.C's, Urinals, etc.

Waterclosets, new basins or seats fixed	14
W.C. Door or Frames repaired	21
Defective fitting repaired	35
Choked W.C's remedied	5
Additional W.C.'s provided	—
New floors to W.C.'s	2
Water Closet walls repaired	4
W.C. roofs repaired	9

Ashpits and Dustbins.

Number of Ashpits abolished	3
Number of defective Ashpits repaired	Nil
New Dustbins provided	30

INSPECTION AND SUPERVISION OF FOOD.

Cowsheds.

Cowkeepers registered	13
Cowsheds	25
Inspections	4
Informal Notices issued	—

Dairies and Purveyors of Milk.

Number of producers of milk	13
Number of retail purveyors	56
Number of inspections	56
Registered during the year (Retailers)	1
Registered during the year (Wholesalers)	—
Informal Notices served	—

Milk Special Designations Order.

Licences granted during the year	4
Dealers licensed to sell Tuberculin Tested Milk	1
Dealers licensed to sell Accredited Milk	1
Dealers licensed to sell Pasteurised Milk	2
Pasteurising establishments	2

Milk Samples.

Number of samples taken for Bacteriological examination	19
Number of sediment tests made	—

Prosecutions.

There were no prosecutions during the year.

Slaughterhouses.

Number of Slaughterhouses on Register (Registered 5, Licensed 13)	18
Number of visits made, including night and Sunday visits	2,331
Number of Notices issued	Nil

Food and Drugs Act, 1938 (Sec. 14).

Number of Premises registered for the Manufacture or Sale of Preserved Food, etc.	35
Number of Premises registered for the manufacture and Sale of Ice Cream	16
Number of Premises registered for the storage of Ice Cream (Wholesale)	1
Number of Premises registered for the sale of Ice Cream	16

Unsound Food Surrendered during the Year.

Tuberculosis.

10 Bovine Carcases (weight 7,450 lbs.)	3 Pigs' Carcases (weight 628 lbs.)
483 lbs. Beef	18 lbs. Pork
248 Bovine Lungs (sets)	96 Pigs' Heads
66 Bovine Livers	36 Pigs' Plucks
151 Bovine Heads (with tongues)	4 Pigs' Lungs (sets)
1 Bovine Tongue	7 Pigs Livers
8 Bovine Hearts	30 Pigs' Mesenterys
55 Bovine Kidneys	6 Pigs' Spleens
12 Bovine Omentums	
25 Bovine Stomachs	
12 Bovine Intestines	
29 Bovine Spleens	
54 Bovine Mesenterys	
33 Bovine Udders	

Total weight, 18,400 lbs.

Other diseases and Injuries.

1 Bovine Head	Actinomycosis
1 Bovine Lungs	Pleurisy
1 Bovine Lungs	Oedema
10 Bovine Lungs	Hydatid Cysts
7 Bovine Lungs	Strongylosis
12 Bovine Livers	Multiple Abscesses
4 Bovine Livers	Cirrhosis
1 Bovine Liver	Congestion
10 Bovine Livers	Angiomatosis
1 Bovine Livers	Fatty Infiltration
3 Bovine Livers	Distomatosis and Cirrhosis
2 Bovine Livers	Hydatid Cysts
1 Bovine Heart	Myocarditis
58 Bovine Udders	Mastitis
2 Bovine Udders	Decomposition
2 Bovine Kidneys	Retention Cysts
4 Bovine Kidneys	Infarction
5 Bovine Kidneys	Hydro-Nephritis
2 Bovine Kidneys	Oedema
240 lbs. Beef	Bruising and Oedema
50 lbs. Beef	Bruising and Congestion
1 Bovine Carcase (weight 820 lbs.)	Generalised Septicaemia
3 Pigs' Lungs	Pneumonia
14 Pigs' Lungs	Pleurisy and Adhesions
1 Pig's Liver	Cirrhosis
1 Pig's liver	Hydatid Cysts
1 Pig's liver	Milk Spots
11 Pigs' Hearts	Pericarditis
1 Pig's Pluck	Hydatid Cysts
3 Sheeps' Lungs	Strongylosis
1 Sheep's Lungs	Hydatid Cysts
3 Sheeps' Livers	Hydatid Cysts
1 Sheep's Liver	Strongylosis
4 Sheeps' Livers	Distomatosis
3 Sheeps' Plucks	Strongylosis
2 Sheeps' Plucks	Hydatid Cysts
2 Sheeps' Kidneys	Nephritis
1 Sheep's Spleen	Hydraemia
1 Sheep's Carcase (weight 80 lbs.)	Moribund

Total weight, 2,362 lbs.

Other Unsound Food Surrendered.

9½ Pork Pies—Unsound .. .. weight 8 lbs.
1 Tin of Ox Tongue—Unsound .. weight 6 lbs.
Total weight, 14 lbs.

Total weight of Unsound Food Surrendered during the Year, 20,776 lbs.

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	*Cows*	*Calves*	*Sheep and Lambs*	*Pigs*
Number killed (if known) ..	1928	—	104	4975	1899
Number inspected	1928	—	104	4478	1899
All Diseases (except T.B.) :— Whole Carcases condemned	1	—	—	1	—
Carcases of which some part or organ was condemned ..	107	—	—	18	20
Percentage of the number inspected, affected with disease (other than T.B.) ..	5·60%	—	—	0·42 %	1·05 %
T.B. only :— Whole carcases condemned	10	—	—	—	3
Carcases of which some part or organ was condemned ..	335	—	—	—	132
Percentage of the number inspected, affected with T.B.	17·89%	—	—	—	7·10%

Public Health (Meat) Regulations, 1924.

Number of Notices to Slaughter received 686

Number of Animals slaughtered during the year :—

Bovines	*Calves*	*Sheep and Lambs*	*Pigs*
1928	104	4975	1899

Average number of animals slaughtered per month :—

Bovines	*Calves*	*Sheep and Lambs*	*Pigs*
160·7	8·7	414·6	158·25

Offensive Trades.

Number on Register (Tripe Boiler) 1
Number of Notices served .. .. Nil

Bakehouses.

Number on Register 20
Number of Notices issued .. .. Nil

Sanitary Supervision of Music Halls, Theatres, etc.

The following is a copy of the Annual Report for the year 1939, submitted to the Health Committee and the Local Licensing Bench in accordance with Circular 120 of the Ministry of Health, dated 25th August, 1920 :—

Ladies and Gentlemen,

Annual Report on Places of Amusement, 1939.

I have the honour to submit the Report upon Places of Amusement in the Borough of Ilkeston for the year 1939.

Cinemas. The Scala, Kings Picture House, New Theatre and Ritz Cinema have been inspected from time to time during the year, both during performances and at times when the premises were not open to the public. No cause for complaint was found.

Premises with Music and Dancing Licences. There has been one addition to these premises during the year, viz.:—Canteen at Messrs. Booth & Sons, Factory, Awsworth Road. This was inspected and found to be satisfactory. The Licence was granted at the end of November. The other Licensed premises have given no cause for complaint during the year.

I have the honour to be, Ladies and Gentlemen,
Your obedient Servant,
C. E. ADCOCK,
Senior Sanitary Inspector.

Canal Boats.

The following is a copy of the Annual Report for the year 1939 :—

Ladies and Gentlemen,

Annual Report on Canal Boats, 1939.

I have the honour to submit the Annual Report of work done during 1939 under Part 10 (Sections 249 to 258) of the Public Health Act, 1936.

The number of Canal Boats inspected during the year was two, both boats being registered as dwellings.

The two boats were registered to carry six adults and the number of occupants at the time of visiting was two men.

The certificate of registration for each boat was produced at the time of inspection, identifying the owner and the boat ; the boats were properly marked, clean and in good repair. No persons appeared to be suffering from any infectious diseases.

No boats were registered or removed from the register during the year.

There appears to be a fair amount of traffic but owing to my not being able to spare the time waiting at the Canal locks I have only been able to inspect two boats.

On several occasions I have seen boats which have just passed beyond the Borough boundary.

I have the honour to be, Ladies and Gentlemen,
Your obedient Servant,
C. E. ADCOCK,
Senior Sanitary Inspector and Canal Boats Inspector.

Common Lodging Houses.

There are no common lodging houses in the Borough.

Factories Act, 1937.

Number of Inspections made	14
Number of Notices served	2
(Insufficient provision for lighting of Sanitary Conveniences)	

Petroleum Acts.

Number of Petroleum Spirit Storage Licences issued	50
Number of Carbide of Calcium Storage Licences issued	2
Number of inspections made	24

Rag Flock Acts.

No samples taken during the year.

Rats and Mice Destruction Act.

This Act is administered by the County Council.

Rent and Mortgage Interest (Restrictions) Acts.

No Certificates were issued during the year.

Shops Acts, 1912 to 1934.

Number of Inspections made during the year.	107
Number of Preliminary Notices served	Nil
Number of Statutory Notices served	Nil
Certificate of exemption from the provision of Sanitary Conveniences	1
Prosecutions	Nil

C. E. ADCOCK, Cert. S.I.B., M.S.I.A.,
Senior Sanitary Inspector.

Borough of Ilkeston Education Committee

ANNUAL REPORT

OF THE

School Medical Officer

for 1939

H. L. BARKER,

M.D.. B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.

EDUCATION COMMITTEE.

THE MAYOR (Coun. H. Trueman, J.P.)
Coun. G. W. WOOLLISCROFT, O.B.E., J.P. (*Chairman*),
Alderman AMOS HENSHAW, J.P.
,, J. WOOLLEY, J.P.
Councillor D. BARTON.
,, E. ADAMS, J.P.
,, Mrs. J. B. D. McINTYRE, J.P.
Councillor E. BOSTOCK.
,, J. OFIELD.
,, J. E. KIRK.
Professor R. PEERS, M.C., M.A.
F. P. SUDBURY, Esq., J.P., C.C.
S. R. WOOD, Esq., M.A.
Mrs. BALL, C.C.

Director of Education.

W. A. SCARR, Esq. M.A., Resigned 30th April, 1939.
J. TILLETT, Esq., B.A., appointed 1st June, 1939.

STAFF (1939).

School Medical Officer (also Medical Officer of Health).

H. L. BARKER, M.D., B.S.(Lond.), M.R.C.S., L.R.C.P., D.P.H.

School Dental Surgeon.

A. L. HODGKINSON, L.D.S.

Part Time Medical Officers.

Assistant School Medical Officer .. .. S. W. LUND, M.B., Ch.B., D.P.H.
Ophthalmic Surgeon .. .. .. C. H. BAMFORD, Ch.B., D.O.M.S. (*County Ophthalmic Surgeon*).
Orthopaedic Surgeon .. .. .. G. A. Q. LENNANE, M.A., M.B., B.Ch. (*County Orthopaedic Surgeon*).

Nose and Throat Surgeons of the Nottingham Throat, Ear and Nose Hospital.

School Nurses (also Health Visitors).

	Appointed
Miss M. E. SHERLOCK, S.R.N., C.M.B.	21st June, 1914
Miss H. BLAIR, S.R.N., C.M.B.	1st June, 1922
Miss L. OTTEWELL, S.R.N., C.M.B.	1st March, 1929
Miss M. HILL, S.R.N., C.M.B.	16th March, 1939

Clerks.

Miss L. TRUEMAN	15th May, 1923
Miss H. CLARKE	13th October, 1924

Dental Attendant.

Miss S. M. CAMM	11th May, 1936

BOROUGH OF ILKESTON.

Area of Borough (in acres)	2,861
Number of Schools	12
Number of Departments	26
Average number on School Register	4,387
Average Attendance	3,870

I. STAFF.

A list of the staff is given on the previous page. In March, Miss M. Hill was appointed to fill a vacancy so that for the greater part of the year there were four school nurses. No addition was made to the school medical staff.

II. CO-ORDINATION.

Co-ordination with the administrative and teaching staff and with the various other medical services was maintained satisfactorily.

III. SCHOOL HYGIENE.

Normal conditions prevailed until the outbreak of war in September when the Bennerley Senior, Chaucer Junior and Infants and Cavendish Senior Schools were closed owing to the use of these schools for the purpose of first aid posts. The displaced scholars were accommodated in other schools and buildings in the town. This caused some degree of overcrowding.

IV. MEDICAL INSPECTION.

Routine medical inspections of the usual age groups, re-inspections and special inspections were made according to the established plan.

V. FINDINGS OF MEDICAL INSPECTIONS.

(a) Nutrition. The results are shown in Table II B. On the whole the children were well nourished.

(b) Uncleanliness. The following table shows the results of inspection during the past five years :—

UNCLEANLINESS.

Year	*Average Number of Children on School Registers*	*Number of Individual Children Found Unclean*	*Percentage*
1935	5,121	870	16·9
1936	4,927	824	16·7
1937	4,826	732	15·1
1938	4,640	791	17·0
1939	4,462	776	17·3

(c) Minor Ailments and Skin Diseases. A comparative table follows giving the results for the last nine years.

Year	*Impetigo*	*Ringworm of Scalp*	*Scabies*
1931	32	2	3
1932	44	1	9
1933	27	1	15
1934	28	9	6
1935	33	13	3
1936	44	1	21
1937	44	—	14
1938	40	1	24
1939	35	—	29

(d) Tuberculosis. There were no new respiratory cases among school-children. There were three new non-respiratory cases and the sites affected were respectively the glands of the neck, the hip joint and the meninges.

(e) Other Defects. At routine inspections the incidence of defective vision (excluding squint) was 8 per cent.

At the 3,397 dental inspections, 2,724 children were found to require treatment, *i.e.*, eighty per cent.

Statistics regarding defects are given in Table II.

VI. FOLLOWING UP.

The usual system of following up has been adhered to. The following table gives a summary of the work of the school nurses during 1939.

SUMMARY OF SCHOOL NURSES' WORK FOR 1939.

	Nurse Sherlock	Nurse Blair	Nurse Ottewell	Nurse Hill	Total
Visits *re* Infectious Diseases	11	20	57	26	114
Visits *re* other Diseases	122	148	125	97	492
Visits *re* Inspection for Cleanliness	—	17	8	22	47
Visits to Schools for Medical Inspections	—	39	44	24	107
Special Visits to Schools	—	20	28	11	59
Visits to Schools for Cleanliness	—	40	47	22	109
Number of Children Examined for Cleanliness	—	4,106	3,799	2,621	10,526
Number of Notices issued *re* Verminous Condition	—	93	177	157	427
Number of Notices issued *re* other Defects	—	33	32	2	67
Visits *re* Medical Inspection Defects	—	27	21	3	51
Attendances at Refraction Clinic	10	1	—	—	11
Visits *re* Refraction Cases	15	13	19	4	51
Attendances at Dental Clinic	—	98	—	1	99
Visits *re* Dental Defects	1	17	1	18	37
Attendances at School Clinic	213	5	—	—	218
Attendances of Children at Minor Ailments Clinic	1,812	58	—	—	1,870
Attendances at Orthopaedic Clinic	10	—	—	—	10
Visits *re* Orthopaedic Defects	4	14	12	7	37
Visits *re* Boarded out children	—	—	—	1	1

VII. ARRANGEMENTS FOR TREATMENT.

(a) Malnutrition. Children showing signs of malnutrition were examined in detail with a view to discovering the cause and appropriate advice was given. Free milk at school and free meals in the school canteen could be ordered in cases of poverty.

(b) & (c) Uncleanliness, Minor Ailments and Diseases of the Skin.

The majority of these conditions were treated at the clinic. Serious skin diseases were referred to hospital.

(d) Visual Defects and External Eye Diseases. These cases were examined and treated at the regular eye clinics. After the departure of Mr. Carr on active service we were fortunate in securing the services of Mr. Bamford in October as ophthalmic surgeon during the absence of the former. During the year, seventy-nine spectacles were prescribed and at the end of the year, sixty-five had been obtained. There are arrangements for the supply of spectacles free in cases of need.

(e) Nose and Throat Defects. Children with these defects requiring special treatment were referred to the Nose, Throat and Ear Hospital in Nottingham. During the year, fifty-nine cases of diseased tonsils and adenoids were operated on through the existing scheme.

(f) Ear Disease and Defective Hearing. Many of these cases were treated at the clinic while those requiring operation were referred to hospital.

(g) Dental Defects. These defects were treated at the dental clinic and a very satisfactory amount of work was done by the school dentist. Children are taken into the scheme at the earliest possible age and the large number of extractions under gas has greatly improved the dental condition of the children. Out of the 2,276 children who were found to require treatment, 2,158 or 94·8% accepted treatment.

(h) Orthopaedic and Postural Defects. These cases have been treated at the two orthopaedic sessions which are held by Miss Garratt who supervises the remedial exercises. The orthopaedic surgeon has also held clinics once a month. During the year, sixty-five individual children have been treated for the

following conditions :—Poliomyelitis 16, Kypho-scoliosis 11, Congenital Deformity 8, Rickets 6, Spastic Paralysis 5, Tuberculosis 3, other conditions 16. The number of attendances at the nurse's sessions was 605 and at the surgeon's sessions 167.

At Bretby Hall Orthopaedic Hospital, ten in-patients have been treated for the following :—Poliomyelitis 5, Kypho-scoliosis, 2, Congenital Deformity 2, Osteomyelitis 1.

(i) Heart Disease and Rheumatism. During the active stage these cases have been referred to their practitioners or hospitals. The further progress has been watched by periodical examination at the clinic.

(j) Tuberculosis. Cases of this complaint and suspected cases are sent to the Tuberculosis Dispensary. One child received hospital treatment.

(k) Other defects and Diseases. These cases are referred to their private practitioners or to the appropriate hospitals.

VIII. INFECTIOUS DISEASE.

The number of cases of infectious disease among school children notified during the year was as follows :—Non-pulmonary Tuberculosis 3, Diphtheria 5, Scarlet Fever 28, Chickenpox 55, Pneumonia 2, Measles 1. There was no serious epidemic.

IX. PHYSICAL TRAINING.

Good progress was made in spite of difficulties brought about by the war. Two part-time physical training organisers, Mr. James and Miss Holthusen were appointed about the middle of the year.

X. PROVISION OF MEALS.

Gladstone School Canteen was open throughout the year. At the beginning of the year the daily average number of children taking meals was sixty-four but this fell to forty-three at the end of the year. No meals were supplied on payment. The number of children who received free milk in school increased from 121 to 144.

XI. SPECIAL SCHOOLS.

Two children were resident at Special Schools outside the Borough during the year. Two children attended daily at the Forest Road School for the Deaf, Nottingham. One boy attended the Rosehill Special School, Nottingham.

Approved Schools.

During the year one child and two young persons were committed to approved schools by the magistrates. One child and two young persons were discharged from approved schools. At the end of the year there were three children and four young persons from this Borough in approved schools.

Boarded-out Children.

Five fresh children were committed to the care of this Authority during the year and were boarded-out in another area. At the end of the year there was a total of six children in the care of this Authority boarded-out in another district. There were nine children belonging to another Authority boarded-out in this area. All the above children were medically examined.

Blind Children.

There were no blind children.

XII. MISCELLANEOUS.

Vaccination.

Among the 1,408 children in the code group who underwent routine inspection during the year, the percentage number of children found to be vaccinated against smallpox was as follows :—

Entrants	14·9 %
Intermediates	16·8 %
Leavers	30·0 %

Attendance of Parents.

The attendance of parents at routine inspection held during the year showed the following percentage :—

Entrants	92·6 %
Intermediates	80·7 %
Leavers	35·6 %

Mortality among School Children.

Nine deaths occurred among school children as follows :—

Tuberculous meningitis	1	Road traffic accident ..	1
Heart Disease ..	1	Suffocation	1
Peritonitis	1	Drowning	3
Broncho-pneumonia ..	1		

Issue of Boots.

During the year the Joint Advisory Committee " Boot Fund " issued twenty-seven pairs of boots to children of necessitous parents.

Children and Young Persons Act, 1933.

A number of children were medically examined under the provision of the above Act and eighty-four boys and six girls were given certificates enabling them to engage in the work of distributing newspapers or delivering milk outside school hours.

STATISTICAL TABLES.

MEDICAL INSPECTION RETURNS.

Table 1. Return of Medical Inspections.

A.—ROUTINE MEDICAL INSPECTIONS.

No. of Inspections in the prescribed Groups.

Entrants	435
Second Age Group	504
Third Age Group	469
Total ..	1,408
No. of other Routine Inspections	61
Grand Total..	1,469

B.—OTHER INSPECTIONS.

Number of Special Inspections	810
No. of Re-inspections	1,130
Total ..	1,940

C.—CHILDREN FOUND TO REQUIRE TREATMENT.

Number of Individual Children found at Routine Medical Inspection to require Treatment (excluding Defects of Nutrition, Uncleanliness and Dental Diseases).

Group. (1)	For Defective Vision (excluding squint). (2)	For all other conditions recorded in Table IIA. (3)	Total. (4)
Prescribed Groups :—			
Entrants	—	25	25
Second Age Group	36	40	76
Third Age Group	31	25	56
Total (Prescribed Groups)	67	90	157
Other Routine Inspections	—	2	2
Grand Total	67	92	159

TABLE II.

A.—Return of defects found by Medical Inspection in the Year ended 31st December, 1939.

DEFECT OR DISEASE. (1)	Routine Inspections — No. of Defects. Requiring Treatment. (2)	Routine Inspections — No. of Defects. Requiring to be kept under observation but not requiring Treatment (3)	Special Inspections — No. of Defects. Requiring Treatment. (4)	Special Inspections — No. of Defects. Requiring to be kept under observation but not requiring Treatment. (5)
Skin — Ringworm :				
Scalp	—	—	—	—
Body	—	—	1	—
Skin — Scabies	—	—	29	—
Skin — Impetigo	2	1	31	—
Skin — Other Diseases (Non-Tuberculous) ..	2	5	18	11
Total (Heads 1 to 5) ..	4	6	79	11

TABLE II.—continued.

DEFECT OR DISEASE.	Routine Inspections: No. of Defects. Requring Treatment.	Routine Inspections: No. of Defects. Requiring to be kept under observation but not requiring Treatment.	Special Inspections: No. of Defects. Requiring Treatment.	Special Inspections: No. of Defects. Requiring to be kept under observation but not requiring Treatment.
(1)	(2)	(3)	(4)	(5)
Eye: Blepharitis	4	3	9	—
Eye: Conjunctivitis	—	1	14	—
Eye: Keratitis	—	—	—	—
Eye: Corneal Opacities	2	—	1	—
Eye: Other Conditions (excluding Defective Vision & Squint)	1	1	7	3
Eye: Total (Heads 6 to 10) ..	7	5	31	3
Eye: Defective Vision (excluding Squint).	67	56	14	3
Eye: Squint	27	1	4	1
Ear: Defective Hearing ..	1	6	7	1
Ear: Otitis Media	13	8	28	—
Ear: Other Ear Diseases ..	—	1	3	3
Nose and Throat: Chronic Tonsilitis only ..	4	122	15	5
Nose and Throat: Adenoids only	1	5	—	1
Nose and Throat: Chronic Tonsilitis and Adenoids	16	31	9	—
Nose and Throat: Other Conditions ..	1	2	47	17
Enlarged Cervical Glands (Non-tuberculous)	—	9	2	5
Defective Speech	—	3	—	2
Heart and Circulation: Heart Disease: Organic	1	5	5	2
Heart and Circulation: Functional ..	—	2	—	1
Heart and Circulation: Anaemia ..	2	5	11	1
Lungs: Bronchitis	—	29	54	6
Lungs: Other Non-tuberculous Diseases	—	9	8	12
Tuberculosis: Pulmonary: Definite	—	—	—	—
Tuberculosis: Pulmonary: Suspected	—	—	—	4
Tuberculosis: Non-Pulmonary: Glands	—	—	—	—
Tuberculosis: Bones & Joints ..	—	—	—	—
Tuberculosis: Skin	—	—	—	—
Tuberculosis: Other forms	—	—	—	—
Total (Heads 29 to 32) ..	—	—	—	—
Nervous System: Epilepsy	1	—	1	—
Nervous System: Chorea	—	—	4	—
Nervous System: Other Conditions ..	—	—	4	5
Deformities: Rickets	—	34	—	—
Deformities: Spinal Curvature ..	1	—	2	—
Deformities: Other Forms ..	19	3	4	—
Other Defects and Diseases (Excluding Defects of Nutrition, Uncleanliness and Dental Diseases)	3	12	148	252
Total Number of Defects	168	354	480	335

TABLE II.

B. Classification of the Nutrition of Children Inspected during the year in the Routine Age Groups.

Age-groups.	Number of Children Inspected	A. (Excellent)		B. (Normal)		C. (Slightly subnormal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants ..	435	38	8·73	395	90·8	2	0·45	—	—
Second Age-Group ..	504	59	11·5	435	86·3	10	1·98	—	—
Third Age-Group ..	469	94	20·00	357	76·11	18	3·83	—	—
Other Routine Inspections ..	61	4	6·55	57	93·44	—	—	—	—
Total ..	1,469	195	13·27	1,244	84·68	30	2·04	—	—

TABLE III.

Return of Defects Treated during the Year ended 31st December, 1939.

Treatment Table.

Group 1.—Minor Ailments (excluding Uncleanliness for which see Table VI).

Disease or Defect. (1)	Number of Defects treated, or under treatment during the year. Under the Authority's Scheme. (2)	Otherwise. (3)	Total. (4)
Skin :			
Ringworm—Scalp—			
(i) X-Ray Treatment. If none, indicate by dash	—	—	—
(ii) Other Treatment	—	—	—
Ringworm—Body	—	—	—
Scabies	27	2	29
Impetigo	104	—	104
Other Skin Disease	26	—	26
Minor Eye Defects : .. (External and other, but excluding cases falling in Group II)	55	—	55
Minor Ear Defects	63	—	63
Miscellaneous (*e.g.* minor injuries, bruises, sores, chilblains, etc.)	195	—	195
Total ..	470	2	472

TABLE III.—continued.

Group II. Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments, Group I).

Defect or Disease.	No. of Defects dealt with.			No. of children for whom spectacles were			
				Prescribed (1)		Obtained (2)	
	Under the Authority's Scheme.	Otherwise.	Total.	(i) Under the Authority's Scheme.	(ii) Otherwise.	(i) Under the Authority's Scheme.	(ii) Otherwise.
(1)	(2)	(3)	(4)				
Errors of Refraction (including squint). (Operations for squint should be recorded separately in the body of the School Medical Officer's Report).	146	1	147	79	1	65	1
				Total 80		Total 66	
Other Defect or Disease of the Eyes (excluding those recorded in Group I).	2	–	2				
Total ..	148	1	149				

Group III. Treatment of Defects of Nose and Throat.

Number of Defects.													
Received Operative Treatment.												Received other forms of Treatment.	Total Number Treated.
Under the Authority's Scheme, in Clinic or Hospital. (1)				By Private Practitioner or Hospital, apart from the Authority's Scheme. (2)				Total (3)				(4)	(5)
(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)		
33	3	23	—	—	—	1	—	33	3	24	—	—	60

(i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and adenoids. (iv) Other defects of the nose and throat.

TABLE III.—continued.

Group IV. Orthopaedic and Postural Defects.

	Under the Authority's Scheme. (1)			Otherwise. (2)			Total number treated
	Residential treatment with education (i)	Residential treatment without education (ii)	Non-residential treatment at an orthopaedic clinic (iii)	Residential treatment with education (i)	Residential treatment without education (ii)	Non-residential treatment at an orthopaedic clinic (iii)	
Number of children treated ..	10	—	65	—	—	—	66

TABLE IV. Dental Inspection and Treatment.

(1) Number of Children who were Inspected by the Dentist :—

(*a*) Routine Age Groups :—

3	4	5	6	7	8	9	10	11	12	13	14		
7	71	252	280	414	458	454	384	270	130	137	92	Total	2,949

(*b*) Specials 448

(*c*) Total (Routine and Specials) 3,397

(2) Number found to require treatment 2,724

(3) Number actually treated 2,807

(4) Attendances made by children for treatment 3,100

(5) Half-days devoted to :—

Inspection	26	Total 368
Treatment	342	

(6) Fillings :—

Permanent teeth	764	Total 797
Temporary teeth	33	

(7) Extractions :—

Permanent teeth	719	Total 5,425
Temporary teeth	4,706	

(8) Administrations of general anaesthetics for extractions.. .. 1,661

(9) Other operations :—

Silver nitrate	151	Total 792
Scalings, dressings and temp. fillings	641	

TABLE VI. Uncleanliness and Verminous Conditions.

(1) Average number of visits per school made during the year by the School Nurses .. .. 4·9

(2) Total number of examinations of children in the Schools by School Nurses 10,526

(3) Number of *individual* children found unclean 776

(4) Number of *individual* children cleansed under arrangements made by the Local Education Authority .. .. Nil

(5) Number of cases in which legal proceedings were taken :—

(*a*) Under the Education Act, 1921 .. .. .. Nil

(*b*) Under the School Attendance Byelaws .. .. Nil